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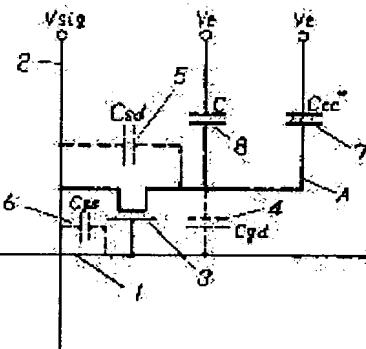
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(54) DRIVING METHOD FOR DISPLAY DEVICE

(57) Abstract:

PURPOSE: To improve the display picture quality and driving reliability and to reduce the driving electric power by applying a 1st modulating signal to 1st wiring connected to picture element electrodes through storage capacitors and a 2nd modulating signal to counter electrodes, and modulating the potential difference between the 1st wiring and counter electrodes.

CONSTITUTION: Each display element has a TFT (thin film transistor) 3 at an intersection of scanning signal wiring 1 and image signal wiring 2, and the TFT has a parasitic capacity 4 and further a liquid crystal capacitor 7 and a storage capacitor 8 as capacitors which are formed intentionally. Then, the 2nd modulating signal V_t is applied to the counter electrode of the liquid crystal capacitor 7 and the 1st modulating signal V_e is applied to one electrode of the storage capacitor 8. Consequently, a capacitor coupling potential appearing at a picture element electrode (point A) through the various capacitors can be utilized effectively to compensate the dielectric anisotropy of liquid crystal and part of a DC component induced by a scanning signal through gate-drain capacity 4, the generation factors of a flicker, image memory property, etc., are removed to make a display of high quality, and the driving reliability of the display device is improved.



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